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PATENT ABSTRACTS OF JAPAN

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(54) RUBBER COMPOSITION WITH HIGH WEAR RESISTANCE

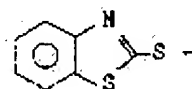
(57)Abstract:

PURPOSE: To obtain the titled composition suitable for, especially, tread rubber for large-sized tires, by incorporating a rubber with carbon black heat-treated with a surface-treating agent constituted by curing accelerator capable of promoting crosslinking of the blended rubber

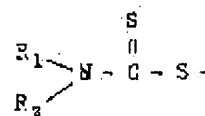
CONSTITUTION: The objective composition can be obtained by incorporating (A) 100pts.wt. of at least one kind of rubber including natural rubber and diene- based synthetic rubber with (B) 10W100pts.wt. of surface-treated carbon black prepared by incorporating carbon

black in (i) an organic solvent solution of a curing accelerator capable of promoting crosslinking of the blended rubber, e.g., of thiazole-, sulfenamide-, thiuram-

base, pref. one having mercaptobenzothiazole group or thiuram group of formula I or II (R1 and R2 are each alkyl or phenyl), respectively, in such a weight ratio as to be 0.1W5 of said accelerator per 100 of the carbon black, followed by stirring, drying under reduced pressure, then treatment on heating.



I



II

LEGAL STATUS

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